

Eric H. Holmes *et al.*  
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Reply to Office Action of September 29, 2003

PATENT

**Amendments to the Specification:**

Please replace the paragraph beginning on page 31, line 17, with the following amended paragraph:

Smith-Waterman (~~database:~~ **database available at the** European Bioinformatics Institute ~~www.ezbi.ac.uk/bic\_sw/~~ **website**) (Smith-Waterman, 1981, J. of Molec. Biol., 147:195-197) is a mathematically rigorous algorithm for sequence alignments.